

power splitter - PS3-F1300 - flexible

Product Information

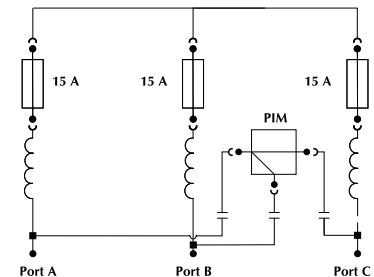
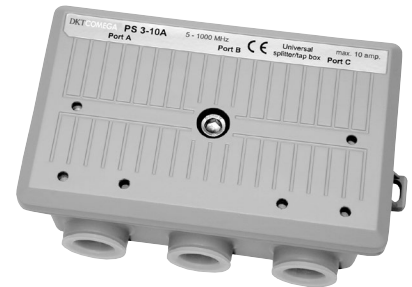
The introduction of DKT PS3-F1300 is our most recent addition to the highly successful series of DKT's power splitters serving networks all over Europe. The frequency range has now been enhanced to meet Dccsis 3.1 requirements.

With the DKT PS3-F1300 we have focused on designing the most compact unit with a flexible choice for the specific network setup and to save inventory costs. Additionally, it can be used as a platform for power insertion through placement of bridge plug-in modules. The compact size makes installation in even small street cabinets possible.

The electrical performance is in compliance with CENELEC's highest standards just as in the case with the other DKT products.

PS3-F1300 - flexible is produced to below specifications and as shown in the diagram to the right.

All Power Splitter models have spring-loaded terminals mounted on the PCB. So the PG11 adapter can be installed without dismounting the power splitter lid.



| Type | Plug-in modules | Item no. | Port A | Port B | Port C |
|----------------------------|---|----------|----------------------|------------|-----------|
| Bridge (dB) | PIM 0A 1G3 | 40530 | In | 0.7 ± 0.5 | AC in |
| | PIM 0B 1G3 | 40531 | In | AC in | 0.7 ± 0.5 |
| | PIM 0C 1G3 | 40532 | AC in | In | 0.7 ± 0.5 |
| Splitter (dB) | PIM 4 1G3 | 40533 | In | 4.0 ± 1.5 | 4.0 ± 1.5 |
| Tap (dB) | PIM 1-7 1G3 | 40534 | In | 7.5 ± 1.5 | 2.9 ± 1.0 |
| | PIM 1-10 1G3 | 40535 | In | 10.5 ± 1.5 | 2.3 ± 1.0 |
| | PIM 1-13 1G3 | 40536 | In | 13.2 ± 1.5 | 1.8 ± 1.0 |
| | PIM 1-16 1G3 | 40537 | In | 16.5 ± 1.5 | 1.3 ± 1.0 |
| | PIM 1-19 1G3 | 40538 | In | 19.1 ± 1.5 | 1.3 ± 0.8 |
| | PIM 1-22 1G3 | 40539 | In | 22.0 ± 1.5 | 1.3 ± 0.8 |
| | PIM 1-26 1G3 | 40544 | In | 26.0 ± 1.5 | 1.3 ± 0.8 |
| Frequency range (MHz) | 5-1300 | | | | |
| Return loss (dB) | 5 - 10 MHz | | ≥ 16 | | |
| | 10 - 1300 MHz | | Grade 2 ¹ | | |
| Connectors | PG11 thread - optional 5/8” - optional 5/8” | | | | |
| Power pass | Max. 10 A | | | | |
| Hum modulation (64 V, 6 A) | < - 70 dB | | | | |
| Screening effectiveness | Class A ² | | | | |
| Dimensions (mm) | 150 x 90 x 55 | | | | |
| Weight (Kg) | 0.5 | | | | |

¹ Return Loss: EN60728-4 Grade 2
10-47 MHz ≥ 18 dB
47-1300 MHz min. 18 dB ÷ 1.5/oct.

² Screening Effectiveness:
EN60728-2 Class A
5-300 MHz ≥ 85 dB, 300-470 MHz ≥ 80 dB
470-950 MHz ≥ 75 dB, 950-1300 MHz ≥ 65 dB

confree - two-way splitter with trunk or ac feed

Product information

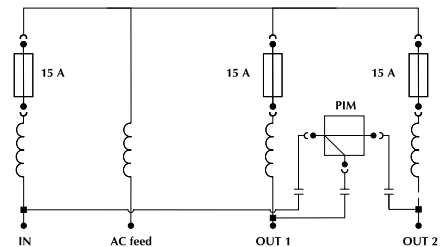
The introduction of DKT ACP3 P1 F1300 is our most recent addition to the highly successful series of DKT's power splitters serving networks all over Europe. The frequency range has now been enhanced to meet Docsis 3.1 requirements.

With the DKT ACP3 P1 F1300 we have focused on designing the most compact unit with a flexible choice for the specific network setup and to save inventory costs. Additionally, it can be used as a platform for power insertion through placement of bridge plug-in modules. The compact size makes installation in even small street cabinets possible.

The electrical performance is in compliance with CENELEC's highest standards just as in the case with the other DKT products.

ACP3 P1 F1300 Item no. 41651

| PIM type | Item no | Unit | Out 1 | Out 2 |
|----------------------------|---------|---|----------------|----------------------|
| PIM 0A 1G3 | 40530 | (dB) | 0.6 ± 1.0 | - |
| PIM 0B 1G3 | 40531 | (dB) | - | 0.6 ± 1.0 |
| PIM 4 1G3 | 40533 | (dB) | 4.7 ± 1.0 | 4.7 ± 1.0 |
| PIM 1-7 1G3 | 40534 | (dB) | 7.9 ± 1.5 | 2.9 ± 1.0 |
| PIM 1-10 1G3 | 40535 | (dB) | 10.9 ± 1.5 | 2.4 ± 1.0 |
| PIM 1-13 1G3 | 40536 | (dB) | 13.4 ± 1.5 | 1.7 ± 1.0 |
| PIM 1-16 1G3 | 40537 | (dB) | 15.9 ± 1.5 | 1.4 ± 1.0 |
| PIM 1-19 1G3 | 40538 | (dB) | 18.9 ± 1.5 | 1.3 ± 1.0 |
| PIM 1-22 1G3 | 40539 | (dB) | 22.0 ± 1.5 | 1.3 ± 1.0 |
| PIM 1-26 1G3 | 40544 | (dB) | 26.0 ± 1.5 | 1.3 ± 1.0 |
| Frequency range | | (MHz) | 5-1218 | |
| Return loss | | (dB) | 5 - 10 MHz | ≥ 16 |
| | | | 10 - 1300 MHz | Grade 2 ¹ |
| Connector | | PG11 thread - optional 5/8” or cable shells | | |
| Power pass | | Max 10 A | | |
| Screening effectiveness | | Class A ² | | |
| Hum modulation (64 V, 6 A) | | < - 70 dB | | |
| Dimensions | | (mm) | 154 x 107 x 55 | |
| Weight | | (kg) | 0.8 | |



ACP4 P2 Item no. 41604

| PIM type | Item no | Unit | Out 1 | Out 2 | Trunk output |
|---------------------|-------------|-------|------------|------------|--------------|
| PIM 4 + PIM 4 | 40533/40533 | (dB) | 4 ± 1.0 | 8 ± 1.0 | 8 ± 0.5 |
| PIM 1-7 + PIM 4 | 40534/40533 | (dB) | 7.5 ± 1.0 | 6.5 ± 1.0 | 6.5 ± 0.5 |
| PIM 1-10 + PIM 1-7 | 40535/40534 | (dB) | 11 ± 1.0 | 9 ± 1.0 | 4 ± 0.5 |
| PIM 1-13 + PIM 1-13 | 40536/40536 | (dB) | 13.5 ± 1.0 | 14.5 ± 1.0 | 3 ± 0.5 |
| PIM 1-16 + PIM 1-16 | 40537/40537 | (dB) | 16 ± 1.0 | 17 ± 1.0 | 2.2 ± 0.5 |
| PIM 1-19 + PIM 1-19 | 40538/40538 | (dB) | 19 ± 1.0 | 19.5 ± 1.0 | 2 ± 0.5 |
| Frequency range | | (MHz) | 5-1006 | | |

¹ Return Loss: EN60728-4 Grade 2
10-47 MHz ≥ 18 dB
47-1300 MHz min. 18 dB $\div 1.5/\text{oct.}$ and min. 14dB

² Screening Effectiveness:
EN60728-2 Class A
5-300 MHz ≥ 85 dB, 300-470 MHz ≥ 80 dB
470-950 MHz ≥ 75 dB, 950-1300 MHz ≥ 65 dB

| | | |
|----------------------------|---|----------------|
| Connector | PG11 thread - optional 5/8" or cable shells | |
| Power pass | Max 10 A | |
| Hum modulation (64 V, 6 A) | < - 70 dB | |
| Dimensions | (mm) | 154 x 107 x 55 |
| Weight | (kg) | 0.8 |

